



U.S. DEPARTMENT OF
ENERGY

OFFICE OF
**ENVIRONMENTAL
MANAGEMENT**

Utilizing DOE Low Level / Mixed Low Level Waste Disposal IDIQ Contracts and Treatment BOAs

Chris Lockhart

Office of Environmental Management, EMCBC

September 8, 2015

Background

- As a result of past weapons production, Government sponsored nuclear energy research, and current on-going environmental remediation activities, DOE has generated large quantities of Class A, B, and C Low Level Waste (LLW) and Mixed Low Level Waste (MLLW), as well as 11e(2) byproduct material, technologically enhanced naturally occurring radioactive material (TENORM), sealed sources, Toxic Substance Control Act (TSCA) regulated waste, polychlorinated biphenyl (PCB), and more.
- EM predominately generates and manages the vast majority of this waste.
- EM has the lead responsibility within the Department for developing and implementing waste management policy. Other Departmental programs generate lesser volumes of LLW and MLLW through mission activities and are less involved in this effort.

Background

As a component of waste management policy, EM has two major contract vehicles that are for the purpose of managing, treating, and disposing these wastes and along with providing necessary ancillary services:

1. **DOE Low Level / Mixed Low Level Waste Disposal Services IDIQ Contracts**
2. **DOE Low Level / Mixed Low Level Waste Treatment Services Basic Ordering Agreements**

Both vehicles support the 2014-2018 DOE Strategic Plan, Objective #8 to continue the cleanup of radioactive and chemical waste resulting from the Manhattan Project and Cold War activities.

Both vehicles support the FY 2015 Annual Performance Agreement to reduce EM's waste foot print and to reduce overall costs of the cleanup program.

Background

These contract vehicles are **NOT** new:

LLW / MLLW Disposal Services:

The Original DOE LLW MLLW Disposal Services Contract was awarded in 1998 to Envirocare (Now EnergySolutions) to treat just Class A LLW. This contract expired in 2013. In April 2013, DOE awarded IDIQ Contracts to EnergySolutions LLC and Waste Control Specialists (WCS) LLC which expanded disposal services to Class A, B, C, and GTCC LLW and MLLW along with 11e(2), TENORM, and Sealed Sources.

LLW / MLLW Treatment Services:

The Original DOE LLW MLLW Treatment Services Contract was awarded in 2010 to four businesses (EnergySolutions LLC; PermaFix Environmental Services LLC; Philotechnics LTD; and Studsvik Inc (now EnergySolutions) to provide LLW and MLLW treatment services and BSFR. In May 2015, DOE issued basic ordering agreements (BOA)s to 7 companies and expanded treatment services to also include Alternative Disposition Strategies (Recycle/Reuse) and Low Activity Waste.

Purpose

As a part of DOE's on-going cleanup and energy research efforts, the Department requires disposal and treatment services of Class A, B, and C LLW, MLLW, and other various waste types like: 11e(2) byproduct material, technologically enhanced naturally occurring radioactive material (TENORM), sealed sources, Toxic Substance Control Act (TSCA) regulated waste, polychlorinated biphenyl (PCB), at permitted disposal and treatment facilities. The contract vehicles to be discussed here today allow DOE to satisfy this requirement along with the treatment of recycle / Reuse and low-activity waste treatment services.

Strategic Sourcing Initiative

These contract vehicles help DOE and its Prime and Subcontractors acquire waste treatment and disposal services more efficiently, effectively, and likely at a lower cost than what could be done on an individual contract or subcontract basis. It is certainly an organized, systematic and collaborative approach to acquiring waste treatment and disposal services and reflects as a component of DOE's strategic sourcing efforts and initiatives.

Strategic Sourcing Initiative

Some specific strategic sourcing benefits include:

- Consolidation of suppliers /providers into one spot
- More efficient transactions: Pre-established pricing on disposal and flexible pricing structure for treatment
- Lowest possible costs: Competed unit prices on disposal and everything's competed on treatment
- Pre-established terms and conditions: Everyone knows expectations
- Well established buyer/supplier relationships
- Helps DOE see the “big picture” of waste disposal progress and overall costs. Allows for better spend analysis.

Major Users

The majority of users of these contract vehicles are...

DOE Prime and Sub CONTRACTORS

DOE Prime and Subcontractors:

Bechtel Marine Propulsion Corporation (BMPC)

Brookhaven Science Associates LLC

B&W Y-12 Technical Services LLC

CH2M BW West Valley LLC

Fluor BWXT Portsmouth LLC

Pacific Northwest National Laboratory

Savannah River Nuclear Solutions LLC – DOE Savannah

URS CH2M Oak Ridge LLC (UCOR)

University of California – Lawrence Berkeley National Laboratory

DOE Customers:

Environmental Management - Los Alamos

Knolls Atomic Power Laboratory

How Do These Contract Vehicles Work?

Discussion to include:

- Disposal and Treatment Contractors
- Applicable Work Scopes
- Eligible users
- How to order off of the contract vehicles
- Important Notes
- Applicable examples
- Available resources
- Squashing misconceptions
- Question and Answers

Disposal Contractors

1. EnergySolutions LLC
2. Waste Control Specialists (WCS) LLC

Treatment Contractors

1. Babcock Services Inc.
2. Environmental Dimensions Inc.
3. EnergySolutions LLC.
4. Omega Technical Services Inc.
5. Perma-Fix Environmental Services Inc.
6. UniTech Services Group
7. Waste Control Specialist LLC.

Work Scope

Disposal:

| Work Scope | Contractor |
|--|--|
| Class A LLW Disposal | EnergySolutions Waste Control Specialists |
| Class A MLLW Disposal | EnergySolutions Waste Control Specialists |
| Class B, C LLW / MLLW Disposal | Waste Control Specialists |
| 11e(2) byproduct Material | EnergySolutions |
| TENORM | EnergySolutions Waste Control Specialists |
| Ancillary Services (High Dose Rate and Very High Dose Rate) | EnergySolutions Waste Control Specialists |
| Sealed Sources | EnergySolutions Waste Control Specialists |

Work Scope

Treatment:

| Work Scope | Contractor |
|--|---|
| Class A, B, and C LLW Treatment Services | EnergySolutions Perma-Fix Waste Control Specialists |
| Bulk Survey for Release Services | Babcock EDI EnergySolutions Omega |
| Alternative Disposition Strategies (Recycle/Reuse) | Babcock EDI EnergySolutions Omega Perma-Fix Uni Tech |
| Low Activity Waste Services | Waste Control Specialists |
| Ancillary Services | All |

Eligible Users

Who is authorized to use disposal IDIQ and treatment BOAs:

- All DOE Offices, including NNSA, Laboratories, and Project Offices
- All DOE Prime Contractors and Subcontractors to DOE Prime Contractors performing environmental cleanup services for DOE.

Important Notes

Disposal:

- Allows for ancillary services to be priced outside of schedule. Notable examples are transportation, packaging non-compliance, etc. This doesn't include interim waste storage.
- Ancillary Services and Sealed Sources can only be used when the Task Order or Subcontract contains one or more of the disposal items (A-C LLW MLLW. Task Orders and Subcontracts cannot be made with just a requirement for Ancillary Services or Sealed Sources only.
- Period of Performance of the IDIQ is for 5 years (Expire 4/12/2017). Task Orders /Subcontracts to not exceed five years from date of task order award. Orders done within IDIQ POP.
- Allows for firm-fixed price orders and subcontracts*

Important Notes

Disposal (Ctd):

- Orders are to be issued at prices stated in Section B Pricing Schedule. Placement efficiencies are allowed, but unit rates still apply.
- Fair Opportunity shall be given for orders (>\$3,000).
- Competition flexibility for requirements (<\$5 million), consideration of other factors, (>\$5 million) requires Notice of Task Order
- Competition requirements of FAR 6 do not apply.
- No protests authorized at ordering level.
- To afford that fair opportunity is given, ombudsman has been established.

Important Notes

Treatment:

- Ancillary services includes interim storage, transportation services, report writing, data analysis, use of IDIQ disposal contracts, disposal at DOE federally owned facilities and more.
- Allows access to the DOE LLW MLLW Disposal Services IDIQ and allows for multiple disposal option scenarios (including at DOE owned facilities) with associated costs and schedules to be proposed.
- A BOA is **NOT** a Contract. It is a set of terms and conditions. There is no guarantee of orders with the BOA Holders.
- There is NO pre-established pricing in the BOA

Important Notes

Treatment (ctd):

- *BOA holders may at anytime during the BOA period of performance add to their approved waste types by providing applicable licenses, permits, and authorizations for review.
- No new BOA holders are authorized.
- Period of Performance of the BOAs is for 5 years (Expire 6/4/2020). Task Orders/Subcontracts must be completed within 6 years of award.
- *Allows for firm-fixed price and fixed unit rate Indefinite Quantity orders and subcontracts.

Important Notes

Treatment (ctd):

- Every requirement exceeding \$3,000 MUST be competed amongst applicable BOA holders.
- Evaluation is based on LPTA
- To afford that fair opportunity is given, ombudsman has been established.
- *No more use of 2010 LLW MLLW Treatment Service IDIQ for “New Services,” OK to finish up current requirements.

How to Order?

Disposal:

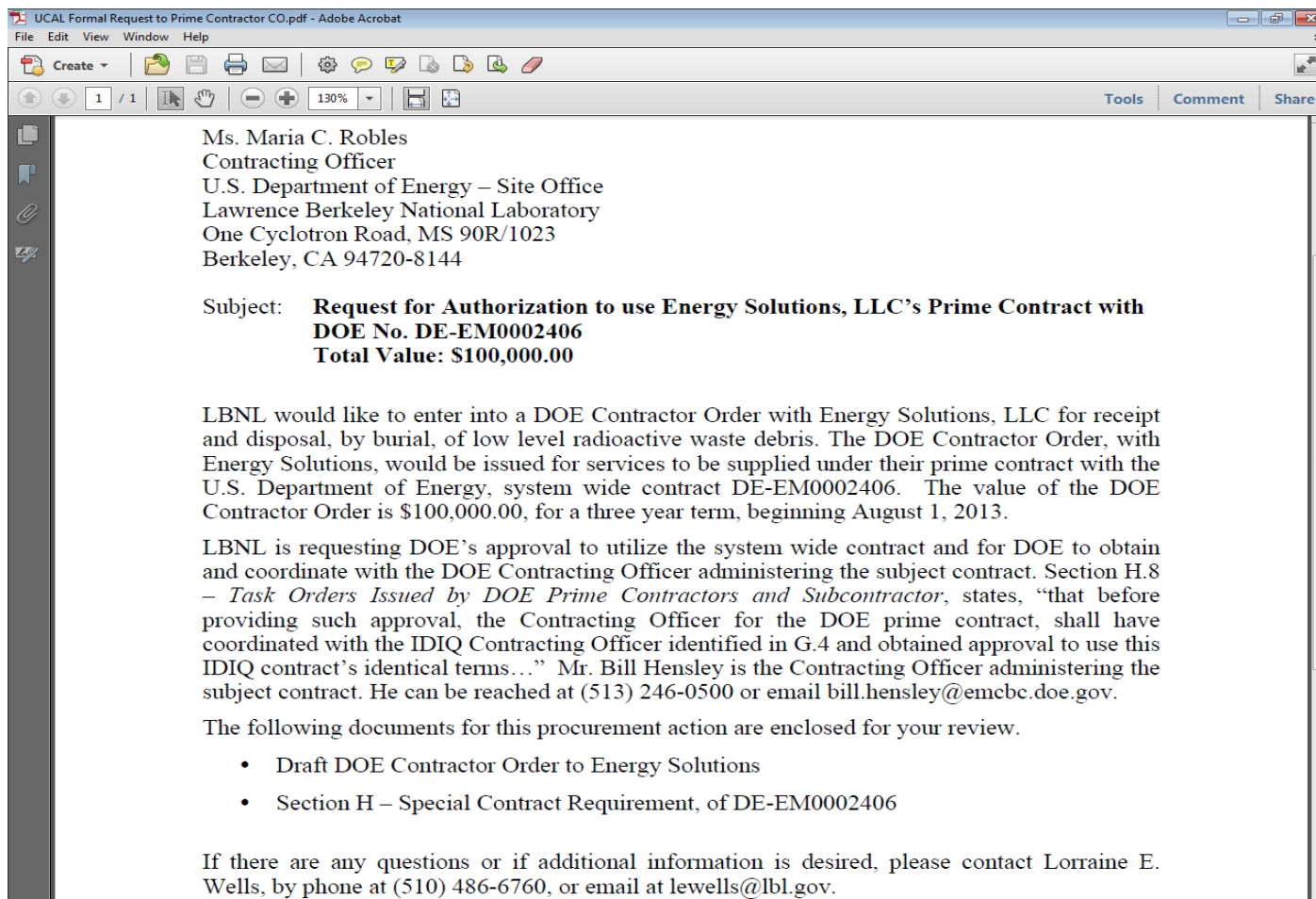
1. Determine Requirements
2. Review Sections H.7 and H.8. Section H.7 is specifically related to DOE but there are requirements in that clause that apply to Prime and Subs regarding competition (\$3,000, give “Fair Opportunity”), and requirements for consideration of orders <\$5 million and >\$5 Million.
3. If you are a DOE Office, provide the Draft RTP or Subcontract, and seek a scope determination from the IDIQ CO, along with a tracking number. Upon receiving approval, provide all executed task orders and mods to the BOA CO.
4. *If you are a Contractor, follow Section H.8 specifically and H.7 above, were indicated, and complete the following in order:
 1. Send requirements and request for concurrence to Prime Contractor CO
 2. DOE Prime CO concurs and sends concurrence, along with Draft RTP or subcontract, to Disposal IDIQ CO.
 3. Disposal IDIQ CO provides response to Prime Contractor CO
 4. Prime Contractor CO authorizes use
 5. Provide IDIQ CO with all subcontracts and mods.

How to Order?

Treatment:

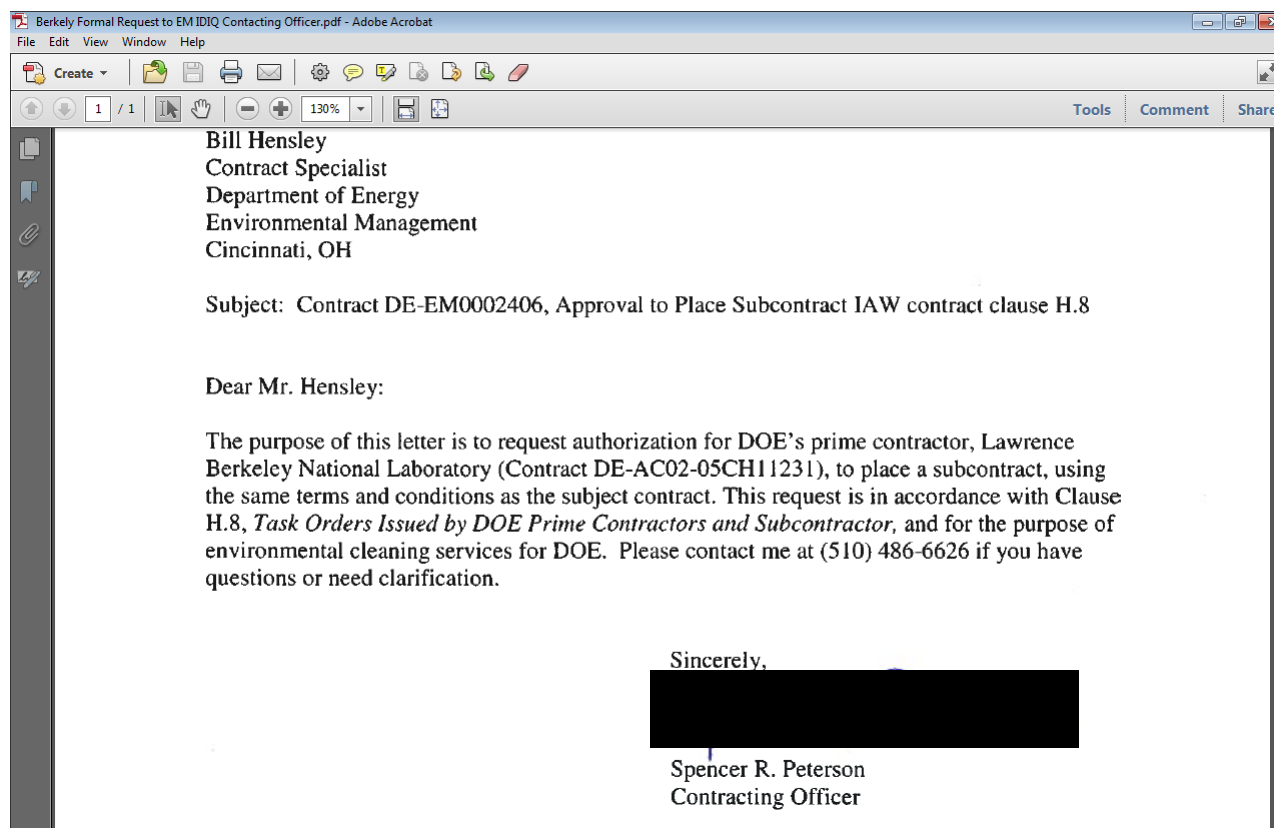
1. Determine Requirements
2. Review Sections H.7 and H.8. Section H.7 is specifically related to DOE but there are requirements in that clause that apply to Prime and Subcontractors regarding competition (\$3,000, give “Fair Opportunity”) and contents of RTP.
3. If you are a DOE Office, provide the Draft RTP and seek a scope determination from the BOA CO, along with a tracking number. Upon receiving approval, provide all executed task orders and mods to the BOA CO.
4. *If you are a Contractor, follow Section H.8 specifically and H.7 above, were indicated, and complete the following in order:
 1. Send requirements (including Draft RTP) and request for concurrence to Prime Contractor CO
 2. DOE Prime CO concurs and sends concurrence, along with Draft RTP to Treatment BOA CO.
 3. Treatment BOA CO provides response to Prime Contractor CO
 4. Prime Contractor CO authorizes use
 5. Provide Treatment BOA CO with all final subcontracts and mods.

Request for concurrence to Prime Contractor CO

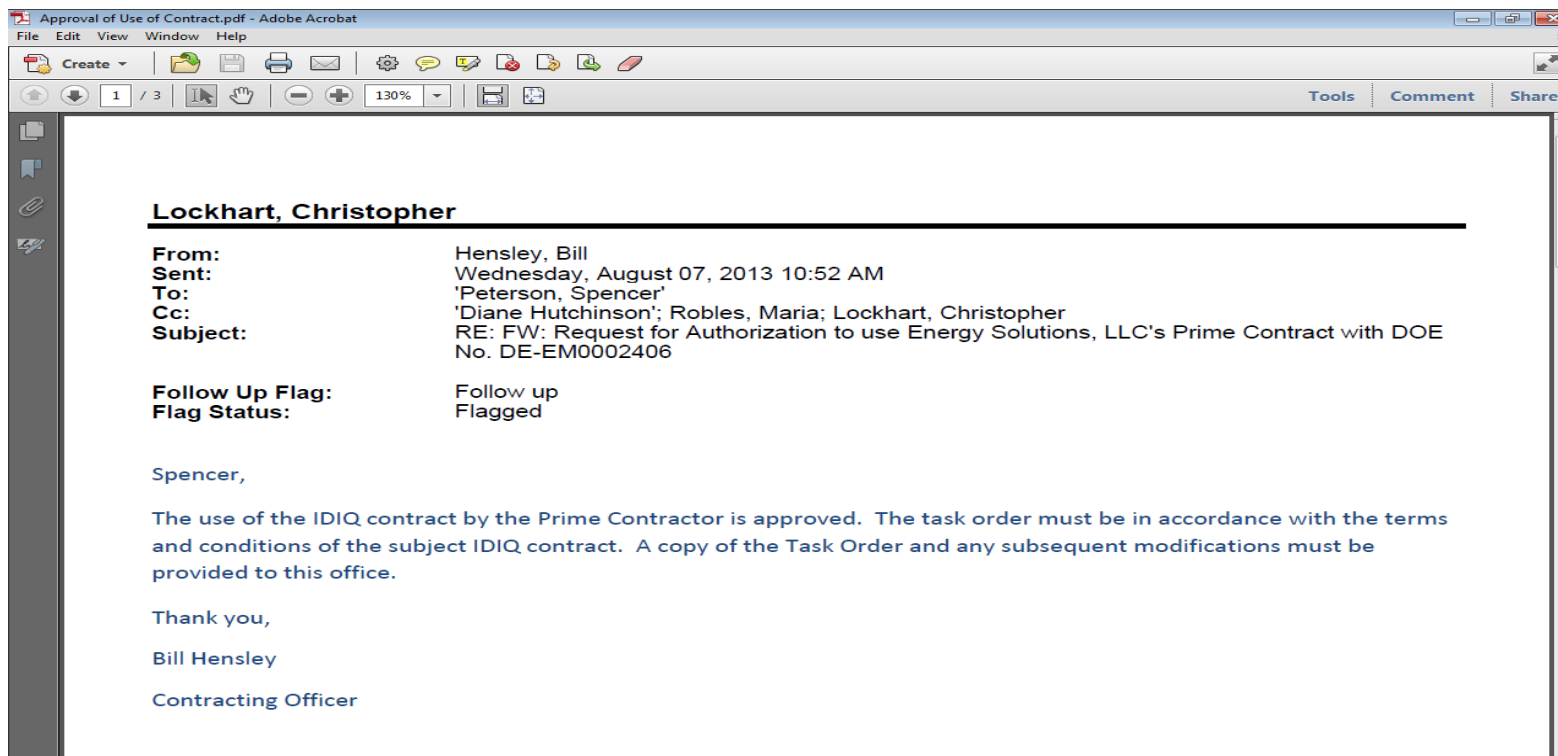


Examples

Request for Approval Example from Prime Contracting Officer:



Approval from IDIQ Contracting Officer:



Subcontract Example:

SECTION A – DOR DOCUMENTS. This DOR is to provide for disposal of Low Level Waste (LLW) and Mixed Low Level Waste (MLLW) waste under DOE Contract DE-EM0002405. This DOR shall consist of this DOR document and is subject to all Terms and Conditions and pricing as set forth in DOE Contract #DE-EM0002405 as amended.

This DOR sets forth the entire DOR agreement between the Parties and supersedes all previous communications, agreements, and commitments, whether written or oral, prior to the date of execution of this DOR, pertaining to the Work or this DOR. The provisions of this DOR may be changed only by a written DOR revision executed by the Parties to the DOR.

SECTION B – SUPPLIES AND SERVICES AND PRICE/COST

CLIN# 6003 Year 3 Pricing

| CLIN# 6003 | UOM | Qty | Unit Price | Total |
|--------------------------------|-----------------|-------|-------------|---------------|
| Baseline Debris Disposal Rate: | YD ³ | 27.45 | \$ 6,368.00 | \$ 174,801.60 |
| Container by Truck | | | | \$ 0.00 |
| Surcharges | | | | \$ 0.00 |
| Intermodal by Truck | YD ³ | | | \$ 0.00 |
| B-25 Containers by Truck | YD ³ | 23.00 | (\$797.00) | (\$18,331.00) |
| Drums by Truck | YD ³ | 4.45 | \$ 6,072.00 | \$ 27,020.40 |

Total Value of this Action: \$ 183,491.00

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SECTION C – SCOPE OF WORK

1.0 DESCRIPTION OF WORK – GENERAL

Delivery Order 001 provides for Baseline Debris Disposal Rate: Container by Truck of Class C Mixed Low Level Waste under CLIN 6003, Year 3 Pricing.

2.0 PERFORMANCE SCHEDULE AND SEQUENCE OF WORK

Period of performance for this DOR is as follows: Date of Award through March 28, 2016.

3.0 RESERVED

SECTION G – ADMINISTRATIVE DATA

G.1 Contract Administration

DOE Notice of Task Example:



Department of Energy
Environmental Management
Consolidated Business Center
250 East 5th Street, Suite 500
Cincinnati, Ohio 45202
(513) 246-0500

May 6, 2015

Mr. Johnny Bowne
EnergySolutions, LLC
423 W 300 S, Suite 200
Salt Lake City, UT 84101

EMCBC-00623-15

Dear Mr. Bowne:

CONTRACT NO. DE-EM0002406 FOR LOW-LEVEL AND MIXED LOW-LEVEL
WASTE DISPOSAL SERVICES NOTICE OF TASK ORDER, DE-DT0009305

In accordance with Section H.7 (d) of the subject contract, this Notice of Task Order shall give every awardee a fair opportunity to be considered. This Notice provides for the possible disposal services of six (6) Sealand type metal containers totaling an initial volume of 383.5 yd3 (293.2 m3) and considered Class A Low-Level Waste in accordance with the Performance Work Statement included in the Notice. Section C.04.10 of the subject notice requires the Contractor to provide transportation from the Department of Energy Los Alamos National Laboratory (LANL) to EnergySolutions in Clive, Utah. Award will be made to the Contractor with the lowest proposed Total Task Order Amount in Section B.

Due to the excess amount air space in the container from the material being loosely hand packed, the Contractor may apply a volume reduction efficiency factor. Please provide the following:

- Completed Section B.2 of the Notice of Task Order. Specifically, for CLIN 001 provide: the unit price based on Year 3 pricing in the Master IDIQ Contract – DE-EM0002406, proposed disposal quantity based on In Cell Placement Efficiencies, and the final extended amount. For CLIN 002 provide the lump sum total for waste transportation.
- Completed Sections G.3 and G.4.

The EnergySolutions response to the notice should be returned no later than 3:00 p.m. on May 11, 2015. Please contact the undersigned at 513-744-0996 if further information on this matter is needed.



Department of Energy
Environmental Management
Consolidated Business Center
250 East 5th Street, Suite 500
Cincinnati, Ohio 45202
(513) 246-0500

May 6, 2015

Mr. Matt LaBarge
Waste Control Specialists LLC
9998 West State Highway 176
Andrews, TX 79714

EMCBC-00624-15

Dear Mr. LaBarge:

CONTRACT NO. DE-EM0002406 FOR LOW-LEVEL AND MIXED LOW-LEVEL
WASTE DISPOSAL SERVICES NOTICE OF TASK ORDER, DE-DT0009304

In accordance with Section H.7 (d) of the subject contract, this Notice of Task Order shall give every awardee a fair opportunity to be considered. This Notice provides for the possible disposal services of six (6) Sealand type metal containers totaling an initial volume of 383.5 yd3 (293.2 m3) and considered Class A Low-Level Waste in accordance with the Performance Work Statement included in the Notice. Section C.04.10 of the subject notice requires the Contractor to provide transportation from the Department of Energy Los Alamos National Laboratory (LANL) to Waste Control Specialists (WCS) in Andrews, Texas. Award will be made to the Contractor with the lowest proposed Total Task Order Amount in Section B.

Due to the excess amount air space in the container from the material being loosely hand packed, the Contractor may apply a volume reduction efficiency factor. Please provide the following:

- Completed Section B.2 of the Notice of Task Order. Specifically, for CLIN 001 provide: the unit price based on Year 3 pricing in the Master IDIQ Contract – DE-EM0002406, proposed disposal quantity based on In Cell Placement Efficiencies, and the final extended amount. For CLIN 002 provide the lump sum total for waste transportation.
- Completed Sections G.3 and G.4.

The WCS response to the notice should be returned no later than 3:00 p.m. on May XX, 2015. Please contact the undersigned at 513-744-0996 if further information on this matter is needed.



www.emcbc.doe.gov/about/primecontracts

Low Level / Mixed Low Level Waste Disposal ID/IQ Contracts

Prime Contractor:

Waste Control Specialists LLC

Prime Contract:

[DE-EM0002405](#) including MOD 001, 002, 003 and 004

DOE Contracting Officer

Chris Lockhart christopher.lockhart@emcbc.doe.gov

Prime Contractor:

EnergySolutions, LLC

Prime Contract:

[DE-EM0002406](#) including MOD 001, 002, 003, 004, 005 and 006

DOE Contracting Officer

Chris Lockhart christopher.lockhart@emcbc.doe.gov

Low Level / Mixed Low Level Waste Treatment Basic Ordering Agreements

[List of BOA Holders and Associated Approved Waste Types](#)

Prime Contractor:

Babcock Services Inc.

Prime Contract:

[DE-EM0003705](#)

DOE Contracting Officer

Chris Lockhart christopher.lockhart@emcbc.doe.gov

Prime Contractor:

Environmental Dimensions Inc.

Prime Contract:

[DE-EM0003710](#)

DOE Contracting Officer

Chris Lockhart christopher.lockhart@emcbc.doe.gov

Prime Contractor:

EnergySolutions LLC

Prime Contract:

[DE-EM0003712](#)

DOE Contracting Officer

Chris Lockhart christopher.lockhart@emcbc.doe.gov

Prime Contractor:

Omega Technical Services Inc.

Prime Contract:

[DE-EM0003713](#)

DOE Contracting Officer

Chris Lockhart christopher.lockhart@emcbc.doe.gov

Prime Contractor:

UniTech Services Group.

Prime Contract:

[DE-EM0003715](#)

DOE Contracting Officer

Chris Lockhart christopher.lockhart@emcbc.doe.gov

Available Resources

www.emcbc.doe.gov/about/primecontracts

List of BOA Holders and Associated Approved Waste Types.pdf - Adobe Acrobat

| Contractor | BOA Number | Available Services | Small / Large Business | Contractor POC |
|-----------------|--------------|---|------------------------|--|
| Babcock | DE-EM0003705 | Bulk Survey For Release Services (BSFR); Alternative Disposition Strategies (Recycle/Reuse); Ancillary Services | Small | Phil Gallagher Senior Vice President, CEO 509-737-0812 pgallagher@babcockservices.com |
| EDI | DE-EM0003710 | BSFR; Alternative Disposition Strategies (Recycle/Reuse); Ancillary Services | Small | John Rodell Vice President Business Development 505-341-3578 jrodell@edi-nm.com |
| EnergySolutions | DE-EM0003712 | LLW/MLLW Disposal Services; BSFR; Alternative Disposition Strategies (Recycle/Reuse); Ancillary Services | Large | Cyril Meredith Contracts Manager 865-481-6302 cmeredith@energysolutions.com |
| Omega | DE-EM0003713 | LLW Services; BSFR; Alternative Disposition Strategies | Small | Amy Joslin Contracts Manager 865-272-3371 ajoslin@omegatechserv.com |

Available Resources

Contractor Websites:

| Contractor | Website |
|---------------------------------------|--|
| Babcock Services Inc. | www.babcockservices.com |
| EnergySolutions LLC. | www.edi-nm.com |
| Environmental Dimensions Inc. | www.energysolutions.com |
| Omega Technical Services Inc. | www.omegatechserv.com |
| Perma-Fix Environmental Services Inc. | www.perma-fix.com |
| UniTech Services Group | www.unitechus.com |
| Waste Control Specialists LLC. | www.wcstexas.com |

Other Available Resources:

- <https://www.emcbc.doe.gov/>
- <http://energy.gov/management/strategic-sourcing>
- <http://energy.gov/em/services/waste-management>
- <https://www.directives.doe.gov/>

DOE TEAM

Contracting Officer: Bill Hensley
bill.hensley@emcbc.doe.gov
513-744-0996

Contracting Officer Representative: Lee Bishop
lee.bishop@em.doe.gov
505-606-1804

Program Office: EM-30 – Office of Waste Management
EM-32 – Office of Disposition Planning and Policy
Mark Senderling (Director)
mark.senderling@em.doe.gov
301-903-7514

Squash misconceptions

- Contract vehicles are actually easy to use
 - T&C's already established
 - Flexible pricing for treatment
 - Established pricing for disposal
 - Quick turn-around approvals from DOE CO
 - Quick technical responses provided by DOE COR
 - Contracts vehicles are posted publically, are easy to find, and contain all of the up-to-date modifications

Question and Answers

Questions?